

IN THE U.S. PATENT AND TRADEMARK OFFICE  
Patent Application Transmittal Letter

COMMISSIONER FOR PATENTS  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): ☒ Utility ☐ Design

☒ original patent application,  
☐ continuation-in-part application



INVENTOR(S): **Phillip W. Barth and George E. Yefchak**

TITLE: **METHODS AND APPARATUS FOR INTRODUCING LIQUIDS INTO MICROFLUIDIC CHAMBERS**

Enclosed are:

- ☒ The Declaration and Power of Attorney. ☒ signed ☐ unsigned or partially signed  
☒ 12 sheets of drawings (one set) ☐ Associate Power of Attorney  
☐ Form PTO-1449 ☒ Information Disclosure Statement and Form PTO-1449  
☐ Priority document(s) ☐ (Other) \_\_\_\_\_ (fee \$ \_\_\_\_\_)

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	19 — 20	0	X \$18	\$ 0
INDEPENDENT CLAIMS	3 — 3	0	X \$84	\$ 0
ANY MULTIPLE DEPENDENT CLAIMS	0		\$280	\$ 0
BASIC FEE: Design ( \$330.00 ); Utility ( \$750.00 )				\$ 750
TOTAL FILING FEE				\$ 750
OTHER FEES				\$
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 750

Charge \$ 750 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

"Express Mail" label no. EU882278841US

Date of Deposit July 30, 2003

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

By

*Marianne Leitereg*

Typed Name: **Marianne Leitereg**

Respectfully submitted,

**Phillip W. Barth and George E. Yefchak**

By

*Theodore J. Leitereg*  
**Theodore J. Leitereg**

Attorney/Agent for Applicant(s)  
Reg. No. **28,319**

Date: **July 30, 2003**

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